

Celebrating 20 years of Swift Discoveries



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Swift and AGILE: a successful synergy

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The beginning of the 21st Century saw the advent of two satellites that revolutionised the high-energy astrophysics. The AGILE satellite, for the first time, used a Silicon pair conversion detector for gamma-ray detection, allowing for a leap forward with respect to previous spark chamber technology. The Swift satellite combined optical, UV and X-ray telescopes with an unprecedented repointing capabilities. These allowed us to investigate flaring celestial sources right in time and simultaneously from optical up to GeV energy bands. In this contribution we describe the scientific observations of different classes of sources, from GRBs to AGNs and Galactic sources, which not only benefited from Swift observations but for which Swift demonstrated its pivotal and unique contribution.

Primary author: Dr VERCELLONE, Stefano (Istituto Nazionale di Astrofisica (INAF))

Co-authors: Dr PITTORI, Carlotta (Istituto Nazionale di Astrofisica (INAF)); TAVANI, Marco (Istituto Nazionale di Astrofisica (INAF))

Presenter: Dr VERCELLONE, Stefano (Istituto Nazionale di Astrofisica (INAF))

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